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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Sep 29 The Philippines Inventory of Chemicals and Chemical  
Substances (PICCS) has been added to CHEMLIST  
NEWS 3 Oct 27 New Extraction Code PAX now available in Derwent  
Files  
NEWS 4 Oct 27 SET ABBREVIATIONS and SET PLURALS extended in  
Derwent World Patents Index files  
NEWS 5 Oct 27 Patent Assignee Code Dictionary now available  
in Derwent Patent Files  
NEWS 6 Oct 27 Plasdoc Key Serials Dictionary and Echoing added to  
Derwent Subscriber Files WPIDS and WPIX  
NEWS 7 Nov 29 Derwent announces further increase in updates for DWPI  
NEWS 8 Dec 5 French Multi-Disciplinary Database PASCAL Now on STN  
NEWS 9 Dec 5 Trademarks on STN - New DEMAS and EUMAS Files  
NEWS 10 Dec 15 2001 STN Pricing  
NEWS 11 Dec 17 Merged CEABA-VTB for chemical engineering and  
biotechnology  
NEWS 12 Dec 17 Corrosion Abstracts on STN  
NEWS 13 Dec 17 SYNTHLINE from Prous Science now available on STN  
NEWS 14 Dec 17 The CA Lexicon available in the CAPLUS and CA files  
NEWS 15 Jan 05 AIDSLINE is being removed from STN  
NEWS 16 Feb 06 Engineering Information Encompass files have new names  
NEWS 17 Feb 16 TOXLINE no longer being updated  
  
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(WINDOWS) NOW AVAILABLE  
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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 13:52:34 ON 13 MAR 2001

=> s catalytic

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=> file biosis embase medline lifesci biocommerce

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=> s catalytic

L1 153050 CATALYTIC

=> s hybridization

L2 339593 HYBRIDIZATION

=> s l1 and l2

L3 2447 L1 AND L2

=> s nucleobase sequence

L4 1 NUCLEOBASE SEQUENCE

=> d l4

L4 ANSWER 1 OF 1 LIFESCI COPYRIGHT 2001 CSA  
AN 97:25650 LIFESCI  
TI Induced chirality in PNA-PNA duplexes  
AU Wittung, P.; Eriksson, M.; Lyng, R.; Nielsen, P.E.; Norden, B.\*  
CS Dep. Phys. Chem., Chalmers Univ. Technol., S-41296 Gothenburg, Sweden  
SO J. AM. CHEM. SOC., (1995) vol. 117, no. 41, pp. 10167-10173.  
ISSN: 0002-7863.  
DT Journal  
FS N  
LA English  
SL English

=> s scissile (w) linkage (w) sequence

L5 0 SCISSILE (W) LINKAGE (W) SEQUENCE

=> s sequence

L6 1317843 SEQUENCE

=> s scissile

L7 1932 SCISSILE

=> s 16 and 17

L8 813 L6 AND L7

=> s 13 and 18

L9 0 L3 AND L8

=> s nucleobase (w) sequence

L10 1 NUCLEOBASE (W) SEQUENCE

=> s 18 and 110

L11 0 L8 AND L10

=> s multiplex

L12 11153 MULTIPLEX

=> s structure

L13 1357763 STRUCTURE

=> s 112 and 113

L14 218 L12 AND L13

=> s 13 and 114

L15 3 L3 AND L14

=> d 115 1-3

L15 ANSWER 1 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 1999164839 EMBASE

TI Target site selection for an RNA-cleaving **catalytic** DNA.

AU Cairns M.J.; Hopkins T.M.; Witherington C.; Wang L.; Sun L.-O.

CS L.-O. Sun, Johnson/Johnson Res. Laboratories, GPO Box 3331, Sydney, NSW  
2001, Australia. sun@angis.su.oz.au

SO Nature Biotechnology, (1999) 17/5 (480-486).

Refs: 20

ISSN: 1087-0156 CODEN: NABIF

CY United States

DT Journal; Article

FS 004 Microbiology

LA English

SL English

L15 ANSWER 2 OF 3 MEDLINE

AN 1999260652 MEDLINE

DN 99260652

TI Target site selection for an RNA-cleaving **catalytic** DNA [see

comments].  
 CM Comment in: Nat Biotechnol 1999 May;17(5):422-3  
 AU Cairns M J; Hopkins T M; Witherington C; Wang L; Sun L Q  
 CS Johnson and Johnson Research Laboratories, Sydney, Australia.  
 SO NATURE BIOTECHNOLOGY, (1999 May) 17 (5) 480-6.  
 Journal code: CQ3. ISSN: 1087-0156.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199911

L15 ANSWER 3 OF 3 LIFESCI COPYRIGHT 2001 CSA  
 AN 1999:65835 LIFESCI  
 TI Target site selection for an RNA-cleaving **catalytic** DNA  
 AU Cairns, M.J.; Hopkins, T.M.; Witherington, C.; Wang, Li; Sun, Lun-Quan\*  
 CS Johnson and Johnson Research Laboratories, GPO Box 3331, Sydney 2001,  
 Australia; E-mail: sun@angis.su.oz.au  
 SO Nature Biotechnology [Nat. Biotechnol.], (19990500) vol. 17, no. 5, pp.  
 480-486.  
 ISSN: 1087-0156.  
 DT Journal  
 FS W3; N  
 LA English  
 SL English

=> s quadruplex

L16 728 QUADRUPLEX

=> s 13 and 116

L17 0 L3 AND L16

=> s triplex

L18 4016 TRIPLEX

=> s 13 and 118

L19 2 L3 AND L18

=> d 119 1-2

L19 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2001 BIOSIS  
 AN 1995:220762 BIOSIS  
 DN PREV199598235062  
 TI Antigene, ribozyme and aptamer nucleic acid drugs: Progress and  
 prospects.  
 AU Stull, Robert A.; Szoka, Francis C., Jr. (1)  
 CS (1) Dep. Pharm. Chem., Univ. Calif., San Francisco, CA 94143-0446 USA  
 SO Pharmaceutical Research (New York), (1995) Vol. 12, No. 4, pp. 465-483.  
 ISSN: 0724-8741.  
 DT General Review  
 LA English

L19 ANSWER 2 OF 2 MEDLINE  
 AN 95320098 MEDLINE  
 DN 95320098

TI Antigene, ribozyme and aptamer nucleic acid drugs: progress and prospects.  
AU Stull R A; Szoka F C Jr  
CS Department of Pharmacy, University of California, San Francisco 94143-0446, USA..  
NC GM 30156 (NIGMS)  
GM 26691 (NIGMS)  
SO PHARMACEUTICAL RESEARCH, (1995 Apr) 12 (4) 465-83. Ref: 230  
Journal code: PHS. ISSN: 0724-8741.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, ACADEMIC)  
LA English  
FS Priority Journals  
EM 199510

=> s l3 and G-G quartets

L20 0 L3 AND G-G QUARTETS

=> s duplex

L21 40304 DUPLEX

=> s l3 and l21

L22 19 L3 AND L21

=> dup rem l22

DUPLICATE IS NOT AVAILABLE IN 'BIOCOMMERCE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L22  
L23 9 DUP REM L22 (10 DUPLICATES REMOVED)

=> d l23 1-9

L23 ANSWER 1 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.  
AN 2000169629 EMBASE  
TI Interaction of p55 reverse transcriptase from the Saccharomyces cerevisiae retrotransposon Ty3 with conformationally distinct nucleic acid duplexes.  
AU Rausch J.W.; Bona-le Grice M.K.; Henrietta M.; Nymark-McMahon; Miller J.T.; Le Grice S.F.J.  
CS S.F.J. Le Grice, HIV Drug Resistance Program, Div. of Basic Sciences, NCI-FCRDC, Frederick, MD 21702, United States. slegrice@mail.ncifcrf.gov  
SO Journal of Biological Chemistry, (5 May 2000) 275/18 (13879-13887).  
Refs: 55  
ISSN: 0021-9258 CODEN: JBCHA3  
CY United States  
DT Journal; Article  
FS 004 Microbiology  
LA English  
SL English

L23 ANSWER 2 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1  
AN 2001:768 BIOSIS

DN PREV200100000768  
TI Raman spectroscopy of uracil DNA glycosylase-DNA complexes: Insights into DNA damage recognition and catalysis.  
AU Dong, Jian; Drohat, Alexander C.; Stivers, James T.; Pankiewicz, Krysztof W.; Carey, Paul R. (1)  
CS (1) Department of Biochemistry, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH, 44106-4935: carey@biochemistry.cwru.edu USA  
SO Biochemistry, (October 31, 2000) Vol. 39, No. 43, pp. 13241-13250.  
print.  
ISSN: 0006-2960.  
DT Article  
LA English  
SL English

L23 ANSWER 3 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 2  
AN 2000:191037 BIOSIS  
DN PREV200000191037  
TI An approach to gene-specific transcription inhibition using oligonucleotides complementary to the template strand of the open complex.  
AU Milne, Lisa; Xu, Yue; Perrin, David M.; Sigman, David S. (1)  
CS (1) Molecular Biology Institute, University of California, Los Angeles, CA, 90095-1570 USA  
SO Proceedings of the National Academy of Sciences of the United States of America, (March 28, 2000) Vol. 97, No. 7, pp. 3136-3141.  
ISSN: 0027-8424.  
DT Article  
LA English  
SL English

L23 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3  
AN 2000:92533 BIOSIS  
DN PREV200000092533  
TI Thermodynamics of RNA-RNA duplexes with 2- or 4-thiouridines: Implications for antisense design and targeting a group I intron.  
AU Testa, Stephen M.; Disney, Matthew D.; Turner, Douglas H. (1); Kierzek, Ryszard  
CS (1) Department of Chemistry, University of Rochester, Rochester, NY, 14627-0216 USA  
SO ~~Biochemistry~~, (Dec. 14, 1999) Vol. 38, No. 50, pp. 16655-16662.  
ISSN: 0006-2960.  
DT Article  
LA English  
SL English

L23 ANSWER 5 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.  
AN 2000014198 EMBASE  
TI A complex ligase ribozyme evolved in vitro from a group I ribozyme domain.  
AU Jaeger L.; Wright M.C.; Joyce G.F.  
CS G.F. Joyce, Dept. of Molecular Biology, MB-4B, Scripps Research Institute,  
10550 North Torrey Pines Road, San Diego, CA 92037, United States.  
gjoyce@scripps.edu  
SO ~~Proceedings of the National Academy of Sciences of the United States of America~~, (21 Dec 1999) 96/26 (14712-14717).  
Refs: 36  
ISSN: 0027-8424 CODEN: PNASA6  
CY United States

DT Journal; Article  
FS 029 Clinical Biochemistry  
LA English  
SL English

L23 ANSWER 6 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.  
AN 1999220633 EMBASE  
TI An RNA switch at the 5' splice site requires ATP and the DEAD box protein Prp28p.  
AU Staley J.P.; Guthrie C.  
CS C. Guthrie, Dept. of Biochemistry and Biophysics, University of California, San Francisco, CA 94143, United States.  
guthrie@socrates.ucsf.edu  
SO Molecular Cell, (1999) 3/1 (55-64).  
Refs: 66  
ISSN: 1097-2765 CODEN: MOCEFL  
CY United States  
DT Journal; Article  
FS 029 Clinical Biochemistry  
LA English  
SL English

L23 ANSWER 7 OF 9 MEDLINE  
AN 94173674 MEDLINE  
DN 94173674  
TI Can hammerhead ribozymes be efficient tools to inactivate gene function? [published erratum appears in Nucleic Acids Res 1994 Apr 11;22(7):1326].  
AU Bertrand E; Pictet R; Grange T  
CS Institut Jacques Monod du CNRS, Universite Paris 7, France.  
SO NUCLEIC ACIDS RESEARCH, (1994 Feb 11) 22 (3) 293-300.  
Journal code: O8L. ISSN: 0305-1048.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Cancer Journals; Priority Journals  
EM 199406

L23 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 4  
AN 1990:85601 BIOSIS  
DN BA89:44952  
TI FACILE INTERCONVERSION OF **DUPLEX** STRUCTURES FORMED BY COPOLYMERS OF D-CG.  
AU ROKITA S E; ROMERO-FREDES L  
CS DEP. CHEM., STATE UNIV. NEW YORK AT STONY BROOK, STONY BROOK, NEW YORK 11794.  
SO BIOCHEMISTRY, (1989) 28 (25), 9674-9679.  
CODEN: BICHAW. ISSN: 0006-2960.  
FS BA; OLD  
LA English

L23 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 5  
AN 1987:379979 BIOSIS  
DN BA84:66476  
TI **HYBRIDIZATION** AND PARTIAL COMPLEMENTARY DNA SEQUENCE ANALYSES OF BOVINE LUNG ANGIOTENSIN I-CONVERTING ENZYME.  
AU DELUCA-FLAHERTY C; SCHULLEK J R; WILSON I B; HARRIS R B  
CS UNIV. OF COLORADO, DEP. OF CHEMISTRY AND BIOCHEMISTRY, BOULDER, CO 80309, USA.  
SO INT J PEPT PROTEIN RES, (1987) 29 (6), 678-684.  
CODEN: IJPPC3. ISSN: 0367-8377.  
FS BA; OLD

LA English

=> d his

(FILE 'HOME' ENTERED AT 13:52:34 ON 13 MAR 2001)

FILE 'BIOSIS, EMBASE, MEDLINE, LIFESCI, BIOCOMMERCE' ENTERED AT 13:53:12  
ON 13 MAR 2001

L1 153050 S CATALYTIC  
L2 339593 S HYBRIDIZATION  
L3 2447 S L1 AND L2  
L4 1 S NUCLEOBASE SEQUENCE  
L5 0 S SCISSILE (W) LINKAGE (W) SEQUENCE  
L6 1317843 S SEQUENCE  
L7 1932 S SCISSILE  
L8 813 S L6 AND L7  
L9 0 S L3 AND L8  
L10 1 S NUCLEOBASE (W) SEQUENCE  
L11 0 S L8 AND L10  
L12 11153 S MULTIPLEX  
L13 1357763 S STRUCTURE  
L14 218 S L12 AND L13  
L15 3 S L3 AND L14  
L16 728 S QUADRUPLX  
L17 0 S L3 AND L16  
L18 4016 S TRIPLEX  
L19 2 S L3 AND L18  
L20 0 S L3 AND G-G QUARTETS  
L21 40304 S DUPLEX  
L22 19 S L3 AND L21  
L23 9 DUP REM L22 (10 DUPLICATES REMOVED)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	31.11	31.26

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